STUDENT POSTER COMPETITION

Both undergraduate and graduate studentsare invited to participate in the student poster competition. The competition is open to students enrolled in a relevant degree program at the time of GeoRisk 2011 and will have separate categories for undergraduate and graduate students. The winner of each category will be honored during the conference and receive a cash award. Students are encouraged to collaborate with other students; however, collaborations with other professionals (professors, academic advisors, etc.) are not allowed.

SOFTWARE EXHIBITION AND DEMONSTRATION

Geotechnical software developers and vendors will display and demonstrate their products in the exhibit hall. Take advantage of this opportunity to learn more about the latest available software tools in geotechnical engineering and in engineering risk assessment and management. Find out how these software packages can improve the value and scope of your geoengineering service. , If you are interested in exhibiting or sponsoring at GeoRisk 2011, please contact Sean Scully at sscully@asce.org, 703-295-6154 or visit the website at **www.GeoRisk2011.org** for more information.

EXPENSES

All expenses associated with the preparation, submission and presentation of abstracts and papers are the responsibility of the authors and co-authors. This includes camera-ready manuscripts and illustrations. Scholarship and/or travel funds are not available for conference attendees. Authors must register for the conference and pay the paper deposit fee at the time they submit their final (accepted) paper for publication. All papers accepted for the conference constitute agreement that the author(s) will register for the conference at the appropriate fee(s), attend the conference and make their presentations in person.

CONFERENCE ORGANIZING COMMITTEE

Chair:
C. Hsein Juang, Clemson University
hsein@clemson.edu

Co-Chairs
Kok-Kwang Phoon, National University of Singapore
cvepkk@nus.edu.sg

Glenn Rix, Georgia Institute of Technology
glenn.rix@ce.gatech.edu

Members:
Gordon A. Fenton, Dalhousie University
Gordon.Fenton@dal.ca

Robert Gilbert, University of Texas at Austin
bob_gilbert@mail.utexas.edu

Russell A. Green, Virginia Tech
rugreen@vt.edu

D.V. Griffiths, Colorado School of Mines
d.v.griffiths@mines.edu

Anand Puppala, University of Texas at Arlington
anand@uta.edu

Edward Glynn, Villanova University
edward.glynn@villanova.edu

Xiong "Bill" Yu, Case Western Reserve University
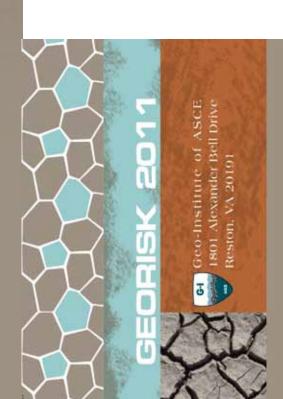xiong.yu@case.edu

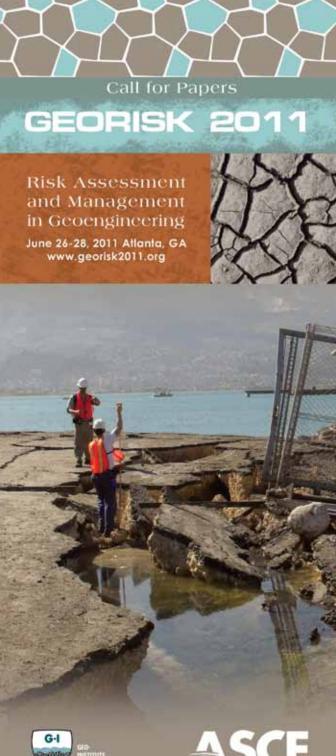**Conference Questions?**
Contact: Elaine Watson
ewatson@asce.org

Geo-Institute Staff:
Lauren Tighe, Board and Meetings Specialist
ltighe@asce.org

Technical Program Questions?
Contact:
C. Hsein Juang (hsein@clemson.edu)
Kok-Kwang Phoon (cvepkk@nus.edu.sg)

Call for Papers

GEORISK 2011

Risk Assessment and Management in Geoengineering

June 26-28, 2011 Atlanta, GA
www.georisk2011.org

GEORISK 2011

Geo-Institute of ASCE
1801 Alexander Bell Drive
Reston, VA 20191

G-I

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AMERICAN SOCIETY OF CIVIL ENGINEERS

ABOUT THE CONFERENCE

GeoRisk 2011 is a conference on risk assessment and management in all fields of geoengineering which is organized by the Risk Assessment and Management Committee of the Geo- Institute. The goal of this conference is to provide an opportunity for participants to learn more about how to explicitly consider risk and uncertainty in order to improve the value and scope of their service and to better serve the public. The coverage will be diverse, from theory to practice, with numerous geoengineering case histories. Professional engineers and managers, researchers, regulators and policy makers, educators, and students will interact across a broad range of keynote lectures, technical sessions, panel discussions, short courses, and software demonstrations.

OVERVIEW OF THE TECHNICAL PROGRAM

The main theme of this conference is georisk, including risk assessment, risk reduction, and communication and management of risk in geoengineering. The conference will consist of two plenary sessions of keynote lectures, four panel sessions, a number of concurrent technical sessions, two to three practice-oriented short courses, a software exhibition, and a student poster competition. The keynote lectures will be delivered by internationally renowned experts and industry leaders including Greg Baecher, Bill Brumund, John Christian, Suzanne Lacasse, Farrokh Nadim, Gregg Scott, Wilson Tang, and Erik Vanmarcke. The format is designed to provide attendees with a survey of the state of the practice and the risk assessment and management know-how that can enhance the value and scope of geo service.

ABSTRACT AND PAPER SUBMISSION PROCESS

Abstracts and papers submittal process
Individual abstracts (200-300 words) must be uploaded to the GeoRisk 2011 Mira website at **http://submissions.miracd.com/ ASCE/GeoRisk2011** by **August 11, 2010**. ASCE or Geo-Institute membership is not required for submission. The names and contact information of all authors must be provided.
The Organizing Committee will review the abstracts and provide feedback by **September 8, 2010**. Upon acceptance of abstracts, authors are required to submit their paper according to the guidelines for Geotechnical Special Publications available at **www.Geoinstitute.org/files/pdf/GSPrevised8-12.pdf**. Final papers must not exceed 8 pages in length. All papers will undergo peer review per G-I/ASCE publication policies and accepted papers will be published in a Geotechnical Special Publication (EI-indexed). The conference proceedings (in the form of a GSP) will be available to registrants and the community at large through ASCE Publications.

Pre-Conference Short Course Proposals
A 2-page proposal must include:
- Course title and outline,
- Course length (up to six hours),
- Course objectives,
- Names and qualifications of instructors
- Summary of handouts.

Short course proposals must be uploaded to the GeoRisk 2011 Mira website at: **http://submissions. miracd.com/ASCE/GeoRisk2011** by **August 11, 2010**.

DEADLINES FOR ABSTRACTS AND PAPERS SUBMISSION

August 11, 2010	**Abstracts Due**
September 8, 2010	**Notification of Accepted Abstracts**
October 27, 2010	**Draft Papers Due**
January 13, 2011	**Review Draft Papers**
February 23, 2011	**Final Papers Due**

CONFERENCE TOPICS

The conference will provide comprehensive coverage of risk assessment and management in all fields of geoengineering. Presentations will include invited keynote lectures given by leading international experts and oral and poster sessions of accepted papers. Additionally, a number of panel discussion sessions will be held to provide a forum to discuss timely topics, including levees and dams, public policy, business risk, risk education and future research needs.

Conference topics include, but are not limited to:
- Theory and practice on risk assessment and management in all fields of geoengineering
- Geohazards such as landslides, slope failures, dams and levees, earthquakes, and geoenvironmental hazards
- Code harmonization and acceptable risk levels

Value of Reliability Approach
Analysis

Levee Overtopping

- Reliability-based design
- Load and resistance factor design (LRFD)
- Risk-sharing and communication among client, consultant, insurer, and financier
- Performance-based geoengineering practice
- Spatial variability and site characterization
- Uncertainty modeling
- Recent advances in the applications of statistics, probability, and reliability-based methods in geoengineering

AUTHOR POLICY

Authors whose papers are accepted should submit a final paper along with a paper deposit fee of $150 that will be credited towards the conference registration. The authors of the accepted papers are expected to register for the conference at the appropriate fee(s), attend the conference, and make their presentations in person. All paper deposit fees are nonrefundable and nontransferable.

HOTEL INFORMATION

Intercontinental Buckhead
3315 Peachtree Road NE
Atlanta, GA 30326
404-946-9000

The InterContinental Buckhead sets new standards of quality with international flair and southern hospitality. A Peachtree Road address puts you close to Buckhead's thriving business and shopping districts and provides easy access to attractions such as the Georgia Aquarium, the High Museum of Art, the New World of Coca-Cola and the CNN Studio Tour. For more information, please visit **www.GeoRisk2011.org**.